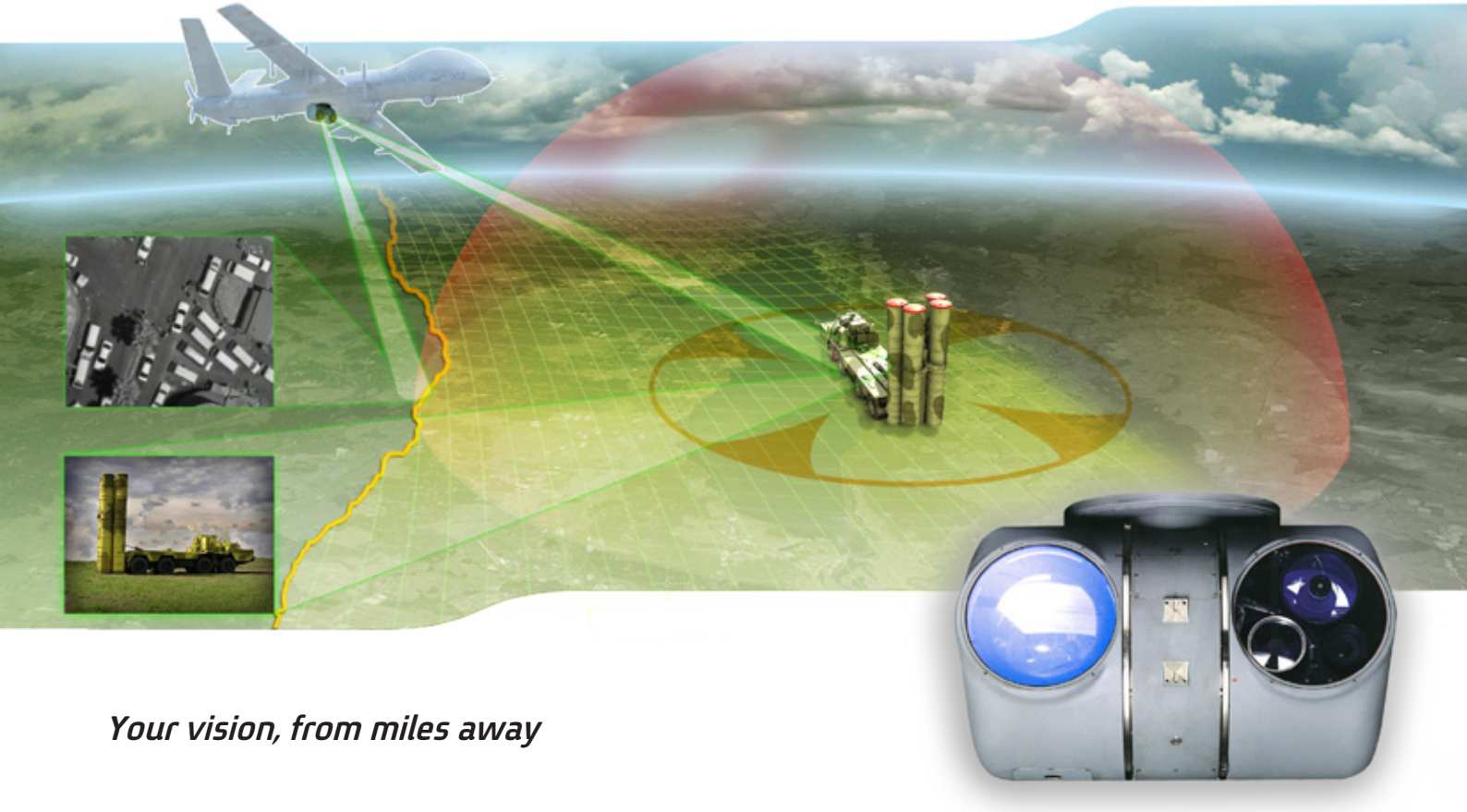
AMPS

Strategic ISR for Manned and Unmanned Aircraft



Your vision, from miles away

General

AMPS (Advanced Multi-sensor Payload System) is a dynamic target detection and recognition system for extremely long ranges, far exceeding those of other systems in its class. It is capable of operating day and night and in adverse weather conditions. The AMPS sensor array is adapted to customer requirements and might typically include two day TV CCD sensors, a FLIR sensor, and an ICCD sensor.

The AMPS is optimized to enhance and increase the throughput of target intelligence production. This is facilitated by autonomous navigation with an inertial system and GPS, as well as highly accurate geo-pointing and geo-location capabilities.

AMPS is a member of our battle-proven family of stabilized EO payloads, with hundreds of systems in operational service with major customers worldwide.

The AMPS' angular coverage, combined with the AMMS (Advanced Mission Management System) unique features, enables fast response time to evolving mission needs – from vertical to standoff targets, in a matter of seconds. It has been designed for installation on small and medium sized fixed-wing aircraft, helicopters and other platforms.

Elbit Systems
Electro-optics - Elop

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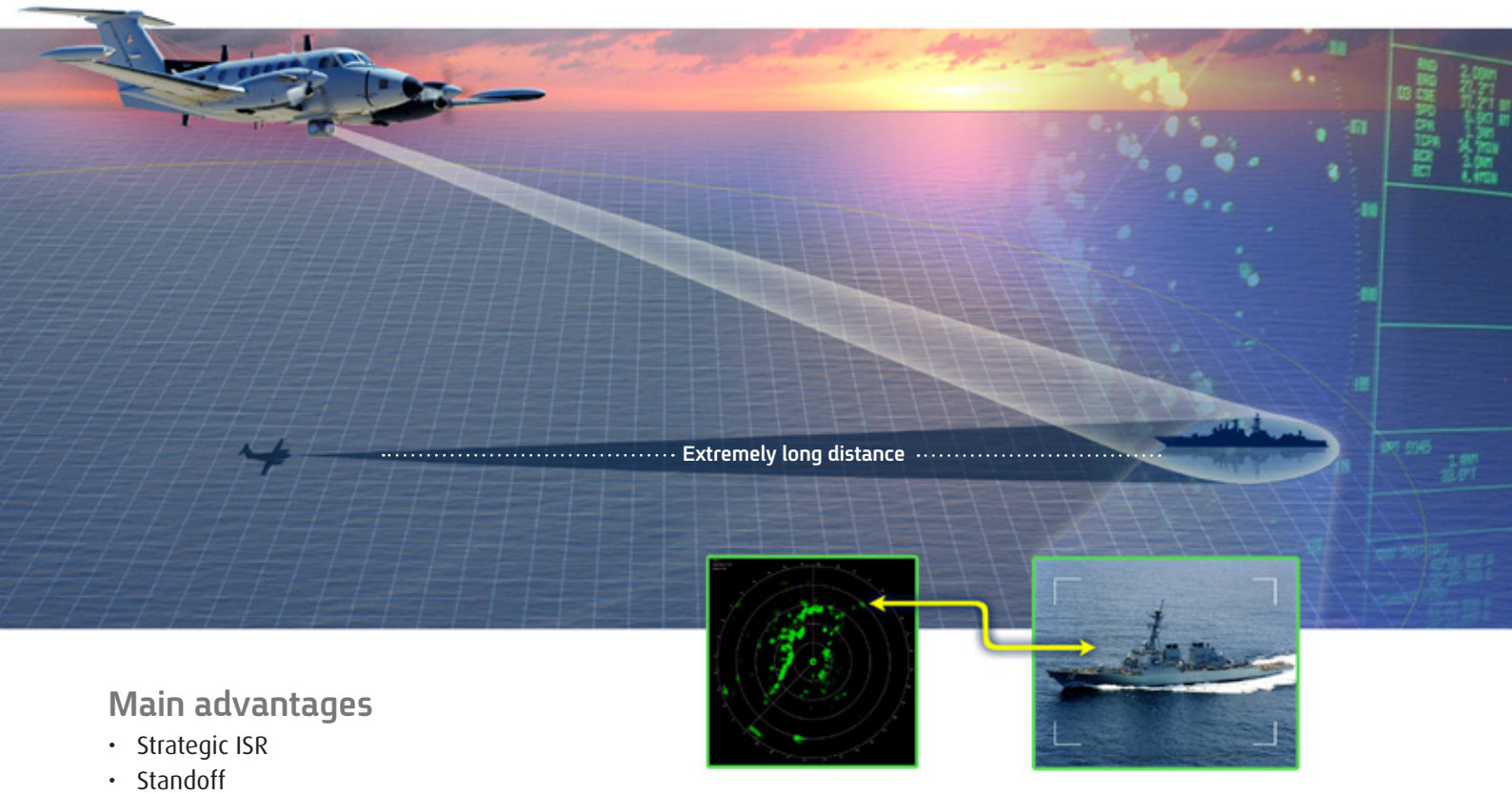

Main advantages

- Strategic ISR
- Standoff
- Long-range maritime patrol missions
- Covert capabilities

Technical Data

System:

Angular coverage	
- Azimuth	N x 360°
- Elevation	+30° to -87°
FLIR	Large aperture 3rd generation 3-5µm FPA
B&W / Color TV	1/3", CCD detector with ruggedized telescope
Weight	85 kg
Environmental conditions	IAW MIL-STD-810
Flight envelope	Up to 40 kft and 240 knots

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